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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/706,121	11/12/2003	Larry R. Pulkrabek	59516-297217	6227
7590	04/25/2005		EXAMINER	
Karl G. Schwappach Faegre & Benson LLP 2200 Wells Fargo Center 90 South Seventh Street Minneapolis, MN 55402-3901			GRAHAM, MARK S	
			ART UNIT	PAPER NUMBER
			3711	
DATE MAILED: 04/25/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

SP

<b>Office Action Summary</b>	<b>Application No.</b> 10/706,121	<b>Applicant(s)</b> PULKRABEK, LARRY R.	
	<b>Examiner</b> Mark S. Graham	<b>Art Unit</b> 3711	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 March 2005.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-64 is/are pending in the application.  
     4a) Of the above claim(s) See Continuation Sheet is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,2,6,9,13,16,17,19-22,30,31,37-39,43,45,49,51,52 and 54-57 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-64 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**Continuation of Disposition of Claims: Claims withdrawn from consideration are 3-5,7,8,10-12,14,15,18,23-29,32-36,40-42,44,46-48,50,53 and 58-64.**

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The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 37 is rejected under 35 U.S.C. 102(b) as being anticipated by Pulkrabek. The sides of Pulkrabek's device are considered the target faces. As such Pulkrabek's device comprises the claimed structure and may be used in the same manner. The claim recites "encapsulating at least side edges to comprise the target face." Pulkrabek's covering encapsulates these edges as claimed. Regarding the "compressive force" limitation, a covering as described by Pulkrabek will apply at least a minimal amount of compressive force.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 2, 6, 9, 13, 16, 17, 19, 20, 21, 22, 30, 31, 38, 39, 43, 45, 49, 51, 52, 54, 55, 56, and 57 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pulkrabek in view of Croll '585 (Croll). Pulkrabek discloses the claimed device with the exception of the covering layer claimed. However, as disclosed by Croll it is known in the art to provide a target such as disclosed by Pulkrabek with an cover 52 bonded to the sided edges of the target elements. It would have been obvious to one of ordinary skill in the art to have provided Pulkrabek's target with such a cover as well to present a smooth contiguous target surface to the archer.

Concerning claims 16, 17, 22, 51, 52, and 57, the examiner takes official notice that foamed plastic sheeting is commonly known. Such a plastic being commonly known and suitable for Pulkrabek's purpose would have been obvious to the ordinarily skilled artisan.

Regarding claims 19, 20, 54, and 55, Croll does not disclose the thickness of his covering layer. However, absent a showing of unexpected results the exact thickness would obviously have been up to the ordinarily skilled artisan depending on the durability desired.

With regard to claim 31, the examiner takes official notice that indicia is commonly applied to the face of targets for its inherent purpose.

Applicant's arguments filed 3/29/05 with regard to claim 37 have been fully considered but they are not persuasive.

Applicant's arguments with respect to claims 1, 2, 6, 9, 13, 16, 17, 19, 20, 21, 22, 30, 31, 38, 39, 43, 45, 49, 51, 52, 54, 55, 56, and 57 have been considered but are moot in view of the new ground(s) of rejection.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

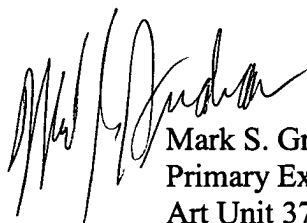
A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication should be directed to Mark S. Graham at telephone number 571-272-4410.

MSG  
4/18/05

A handwritten signature in black ink, appearing to read 'Mark S. Graham', is positioned above the printed name and title.

Mark S. Graham  
Primary Examiner  
Art Unit 3711